

WHAT IS CLAIMED IS

1. Telephone apparatus comprising:

5 a telephone having a built-in keypad and an internal operating circuit including a control circuit connected with the keypad for accepting keying signals therefrom to process a telephone call;

10 a remote controller separate from the telephone, including a built-in keypad for generating keying signals and an internal signal transmitter for transmitting said keying signals in a wireless format; and

15 a signal receiver located internally of the telephone and connected to the control circuit for receiving said wireless keying signals from the signal transmitter and relaying the same to the control circuit for processing a telephone call.

2. The telephone apparatus as claimed in claim 1, wherein the signal receiver and the telephone keypad are  
20 separately connected directly to the control circuit for alternative independent use.

3. The telephone apparatus as claimed in claim 1, wherein the remote keypad comprises a first key for  
25 activating the telephone, a second key for deactivating the telephone, and "0" to "9", "\*" and "#" keys for dialing purpose.

4. The telephone apparatus as claimed in claim 1,  
wherein the telephone includes a speaker and a microphone  
connected to the control circuit for operation, and the  
remote keypad includes a key that is adapted to activate  
5 the telephone in a speakerphone mode thereof.

5. The telephone apparatus as claimed in claim 1,  
wherein the signal transmitter and receiver are adapted  
to communicate by infrared signal.

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6. The telephone apparatus as claimed in claim 1,  
wherein the telephone comprises a telephone base and a  
cordless handset housing respective operating circuits,  
the handset including the telephone keypad, the control  
15 circuit and the signal receiver.